

Message Text

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43

ACTION ARA-20

INFO OCT-01 ISO-00 AID-20 IGA-02 SNM-02 SY-10 TRSE-00

CIAE-00 INR-10 NSAE-00 RSC-01 DRC-01 /067 W

----- 086014

R 121159Z OCT 73

FM AMEMBASSY BRASILIA

TO DEA HQS WASHDC

SECSTATE WASHDC 31

INFO AMEMBASSY BUENOS AIRES

UNCLAS BRASILIA 7022

DEPT ALSO FOR AID/W

E.O. 11652: N/A

TAGS: SNAR, BR

SUBJECT: EQUIPMENT FOR DEPARTMENT OF FEDERAL POLICE

REF: (A) BRASILIA 5767 (B) STATE 152628 (C) STATE 152628

1. IN ACCORD WITH DECISIONS TAKEN AT A MEETING OF THE LATIN AMERICAN INTER-AGENCY NARCOTICS CONTROL COMMITTEE ON JULY 18, WE ARE FORWARDING DEPARTMENT OF FEDERAL POLICE SPECIFICATIONS FOR THE TYPE OF COMMUNICATIONS EQUIPMENT NEEDED FOR NARCOTICS ENFORCEMENT ACTIVITIES.

2. (A) FIXED VHF TRANSCEIVERS (QUANTITY 10). SPECIFICATIONS:
60/100 WATTS WITH OMNIDIRECTIONAL ANTENNA HAVING 6 DB EXPANSION, HIGH BAND, MINIMUM OF FOUR CHANNELS ENERGIZED BY COMMERCIAL POWER AND HAVING CAPABILITY OF USING 110 AND 220 VOLTS SYSTEM, WITH FREQUENCY OF 60 HZ.

FREQUENCY BAND: 166.69 MHZ-167.01 MHZ

(B) MOBILE VHF TRANCEIVERS (QUANTITY 23). SPECIFICATIONS:
25/30 WATTS WITH ANTENNA FOR CAR, HIGH BAND, MINIMUM OF FOUR CHANNELS ADAPTABLE TO BEING ENERGIZED BY CAR BATTERY, 12 VOLT SYSTEM.

REMOTE CONTROL DEVICE THAT CAN BE PLACED IN CONTROL PANEL OF THE CAR.

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FREQUENCY BAND: 166.69 MHZ-167.01 MHZ.

(C) REMOTE REPEATERS (3). NO SPECIFICATIONS AVAILABLE.

(D) WALKIE-TALKIES (QUANTITY 25) SPECIFICATION:

HIGH BAND, MINIMUM OF THREE CHANNELS, WITH 3-5 WATTS OF POWER, HAVING CAPABILITY OF BEING ENERGIZED BY RECHARGEABLE BATTERIES (POSSIBLY ALKALINE BATTERIES OR MERCURIC ZINC CARBIDE TYPE AA BATTERIES).

FREQUENCY BAND 166.69 MHZ-167.01 MHZ.

3. BY BRAZILIAN LAW, BEFORE FOREIGN TELECOMMUNICATIONS EQUIPMENT CAN BE USED IN BRAZIL, THE NATIONAL DEPARTMENT OF TELECOMMUNICATIONS (DENTEL) OF THE MINISTRY OF COMMUNICATIONS MUST TEST THE EQUIPMENT IN THEIR LABORATORIES. THE FOLLOWING DATA MUST BE ESTABLISHED.

(1) FREQUENCY STABILITY.

(A) TEMPERATURE VARIATION.

(B) VARIATION OF PRIMARY TENSION, PLUS OR MINUS 10 PERCENT OF THE AMOUNT INDICATED BY THE MANUFACTURER.

(C) FREQUENCY AFTER STABILIZATION.

(D) FREQUENCY OF THE CRYSTALS.

(E) FREQUENCY VARIATION CAUSED BY THE THERMAL UNIT.

(2) TOTAL HARMONIC DISTORTION OF MODULATION.

(A) DEVIATIONS CAUSED BY THE CONVEYOR.

(B) MODULATION FREQUENCY.

(C) DISTORTION.

(3) AUDIO FREQUENCY REPLY.

(A) REPLY WITH MODULATOR.

(4) LEVEL OF HUM OF THE CONVEYOR.

(A) LEVEL IN 1000 HZ (30 PERCENT OF MODULATION).

(B) LEVEL IN 120 HZ.

(C) LEVEL IN 60 HZ.

(5) ATTENUATION OF 2ND HARMONIC.

(A) FUNDAMENTAL.

(B) 2ND HARMONIC.

(6) EMISSION OF SPURIOUS SIGNALS.

(A) FUNDAMENTALS.

(B) SPURIOUS SIGNALS.

(7) LIMITS OF MODULATION.

(A) REGULATOR ACTIVITY AT ...KHZ OF DEVIATION.

(B) ENTRY TENSION OF MODULATION.

(C) AUDIO INPUT OBSTRUCTION.

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(8) POWER OF CONVEYOR.

(A) ARTIFICIAL LOAD.

(B) AVERAGE POWER.

4. EMBASSY OFFICERS HAVE CONTACTED DENTEL OFFICIALS WHO SUGGESTED THAT ONE ITEM OF EACH TYPE OF EQUIPMENT BE SENT TO BRAZIL FOR TESTING. OFFICIALS INFORMALLY INDICATED THAT THEY EXPECTED NO PROBLEM TO ARISE IN REGARD TO FCC APPROVED

EQUIPMENT.

5. IN REPLY TO EMBASSY OFFICER QUESTION ABOUT U.S. EQUIPMENT MOST EASILY SERVICED IN BRAZIL, DENTEL OFFICIAL SAID HE HAD NO DATA ON WHICH TO BASE AN ANSWER. HE DID INDICATE, HOWEVER, THAT MOTOROLA AND COLLINS EQUIPMENT WERE COMMON HERE.

6. ACTION REQUESTED: (A) CHOICE OF EQUIPMENT THAT MEET FEDERAL POLICE SPECIFICATION; (B) FORWARDING OF ONE ITEM OF EACH TYPE OF EQUIPMENT TO BRAZIL FOR TESTING; (C) AID/W AUTHORIZED ISSUE PIO/C AND/OR OTHER REQUIRED DOCUMENTATION. CHARGE APPROP. 72-11X4103.2 ALLOT. 453-50-512-00-69-41. PIO/C 40040. MISSION HAS RESERVED \$97,000 PER REF (C). ADVISE TOTAL COST INCLUDING SHIPPING.
CRIMMINS

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NNN

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